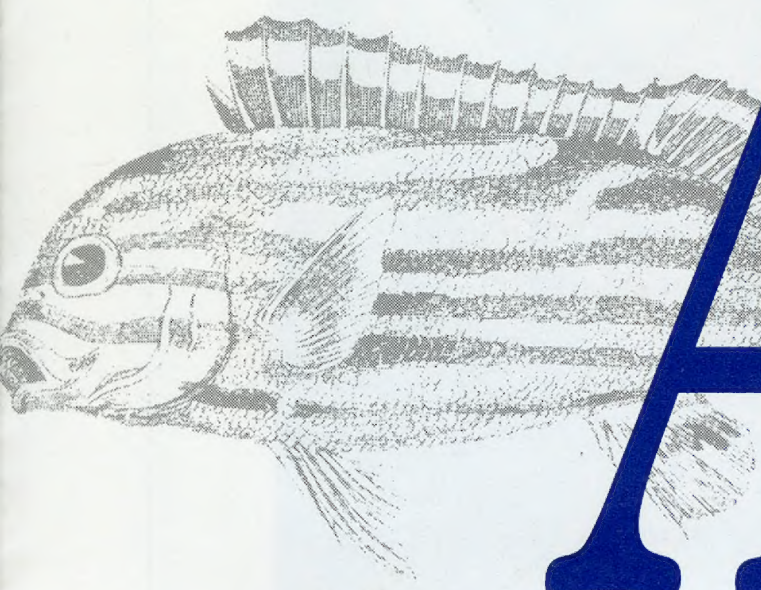


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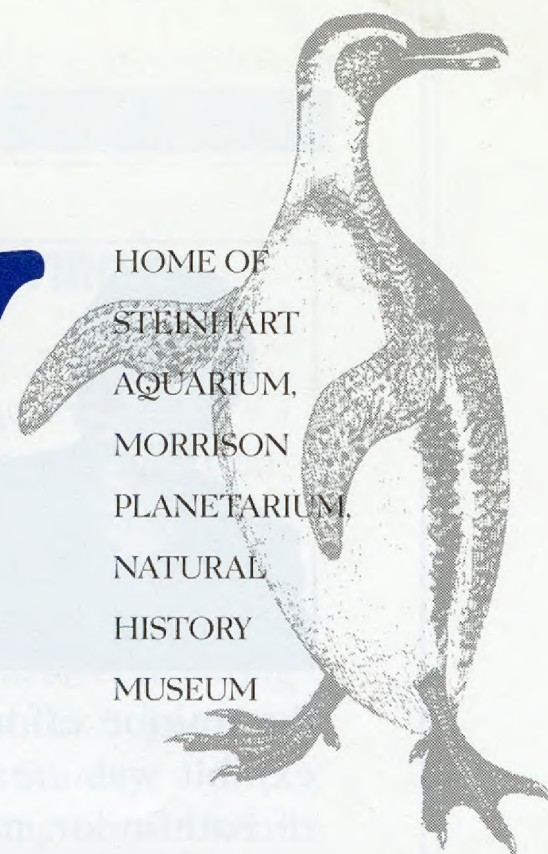
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NEWSLETTER OF THE CALIFORNIA ACADEMY OF SCIENCES



Pacific Discovery goes California Wild!



The next issue of the Academy's quarterly magazine might surprise you. Inside you won't find Pacific Discovery. Instead you'll have a front seat to the unveiling of the first issue of **California Wild: Natural Sciences for Thinking Animals**.

Our commitment to science, scholarship and discovery will not change. But the magazine's content will have a stronger focus on the great state of California, where 95 percent of our readers reside. **California Wild** will feature the Golden State's extraordinary biological and geographical diversity, while serving as a naturalist's guide to the state by offering practical advice on where to go, what to see, and what to do in California.

As a quarterly magazine, we have long felt that the magazine's quality and content deserve a wider audience. With this in mind, we have focused on our areas of expertise: beautiful photographs, informed writing and the West. We want to participate in California's wildness, and help our readers explore how to keep California wild.

The result is **California Wild**.

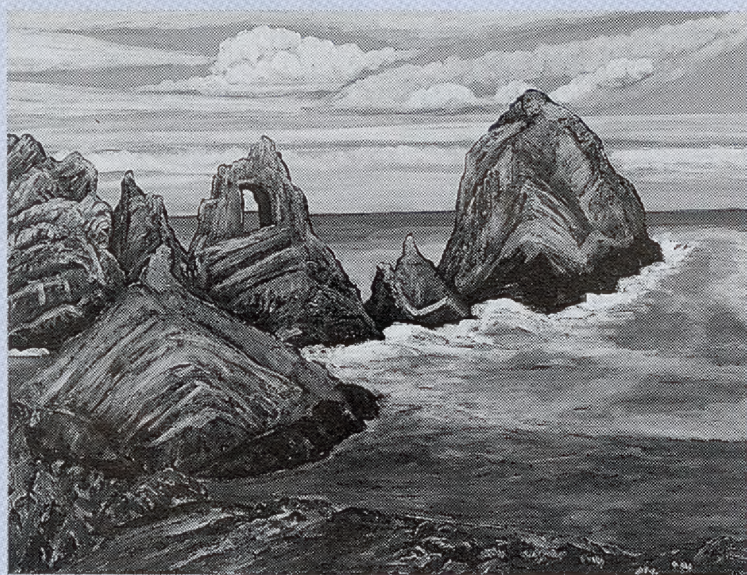
Some of the columns our readers enjoy — Skywatcher, Natural Almanac, Skyguide, Horizons, Habitats, Jerold Lowenstein's "Counterpoints in Science," "Here At the Academy," and "Wild Lives" — will remain in **California Wild**. Look for new columns on innovative educational methods, successful scientists and much more!

We are excited about these changes and hope you will be too.

Offshore: Paintings of the Farallones

September 6, 1997 through November 23, 1998

The works of four contemporary artists are displayed in this exhibit portraying the beauty of the rocky and sea battered Farallon Islands. Located approximately twenty-five miles west of the Golden Gate, the Farallones are a chain of small granitic islands designated as a National Wildlife Refuge. The United States Fish and Wildlife Service is committed to reducing human activity on and around the Islands, which makes this exhibit a rare chance for the public to view four artists' interpretations of their vistas.



Jack Stuppin, 1995

Window Rock, acrylic on canvas.

William Wheeler, all of whom are noted for their *en plain air* ("in the open air") technique of painting. Also included is a small work by nineteenth century painter Albert Bierstadt.

This exhibit is dedicated to the biologists who study the ecology of these islands. A catalog of the exhibit that contains essays on the paintings will be available at the Academy Store.

Perched on a brink of steep undersea escarpment, these islands provide a vital marine refuge where the deep pelagic ocean meets shallower waters of the Continental Shelf.

The artists contributing to the exhibition include Jerrold Ballaine, Tony King, Jack Stuppin, and

Return to the Amazon The Watercolors of Margaret Mee

October 18 through January 4, 1998



RGS, Ken and MAM

Neoregelia eleutheropatala (1971), Margaret Mee

Margaret Mee has been called the premier female explorer of the Brazilian rain forest and an outstanding botanical artist, acclaimed worldwide by botanists and art critics alike. Hers was one of the first courageous voices to be raised against the destructive exploitation of Amazonia, and she remained an important international spokeswoman for conservation until her death in 1988.

Margaret Mee's life, work and legacy, portrayed through her magnificent watercolors, are the focus of this exhibition. These works rank among the finest botanical paintings of any age and have the special power to convey the beauty of Amazonia. This exhibit includes over 80 paintings that reveal the beauty and diversity of plants, animals, peoples and cultures of the Amazon. *Return to the Amazon* will be at the Academy from October 18, 1997 through January 4, 1998, and is sure to be admired by art lovers and conservationists alike.



As we embark on an exciting fall season at the California Academy of Sciences, let me share with you some moments from our summer.

Our Dinosaur Adventure exhibit was a big hit with families, as was our special presentation called Mars! in honor of NASA's historic exploration of the mysterious red planet. Thanks to

the unique efforts of our Planetarium staff, this temporary exhibit was created to celebrate the awesome discoveries of Pathfinder, much to the delight of thousands of visitors.

I am extremely proud of a new collaborative project between the Academy's Docent Program and the San Francisco Unified School District that entered its initial phase this summer. Director of Education Sam Taylor is linking teachers from the SFUSD with the Academy's docents in an effort to identify the needs of students and teachers, and to examine the resources of the Academy while maximizing the overlap between the two. This

summer's goal was to create a framework where Academy tours for K-6 students could be linked with, and supportive of, school curriculums. Eventually, we hope to use this model to restructure services to all schools so that we can ensure that all of the programs we offer — school tours, "Science Express" outreach van, lending boxes — can be linked with teachers' curriculum themes.

Summer was also a time for special events. In June, San Francisco Mayor Willie L. Brown, Jr. brought 400 U.S. mayors to the Academy for an early morning breakfast after a walking tour of Golden Gate Park. A warm July evening brought 1500 partygoers to the most successful annual summer gala to date, "Insects Bugs and Rock 'n' Roll." Some revelers came wearing butterfly wings, antennae and even full ant-colony regalia!

The fall season will start out with our new Spiders! exhibit in African Annex, with other exhibits and special events to follow. We look forward to an eventful and exciting year, and hope you will take the time to visit us often.

THE WILDLIFE TALKS 1997 - 1998

Wildlife in War

Wildlife Conservation Society



Okapi [striped animal]

Conservation Challenges in the New Congo with Terese Hart

Nov. 6, 1997 🌿 Civil unrest, corrupt political systems and floods of refugees have taken their toll on the inhabitants of the former nation of Zaire. In the face of this tumultuous social climate, Wildlife Conservation Society researchers Dr. Terese Hart and her colleagues keep a glimmer of conservation alive deep within the Ituri Forest.

Since the 1970's Dr. Hart has made strides in protecting the country's rich display of biodiversity. She and her husband Dr. John Hart were instrumental in establishing the 5,000 square-mile Okapi Wildlife Reserve, home to the elusive giraffe relative, the Okapi (seen left), and scores of other species. Today, she co-directs the Center for Research and Training in Forest Conservation, based in the new Congo.

On Thursday, November 6, Dr. Hart will unfold layers of flora and fauna as she describes the Ituri Forest, then and now. She will also share her strategy for keeping this unique ecosystem intact. The talk begins at 7:30 p.m. in the auditorium. A reception will precede the lecture at 6:30 p.m. For tickets, please use the order form on the back of the newsletter. For more information, please call (415) 750-7128.

UPCOMING TALKS

The year of the Tiger: Demystifying the Tiger Crisis

with Joshua Ginsburg

Jan. 29, 1998 🌿 Will the tiger see the next millennium? The largest feline holder of praise and fear still roams wild throughout Asia, but how many and for how long? Dr. Joshua Ginsburg, Director of WCS's Asia Program, will present WCS's Indochinese program. Society scientists are actively working in Southeast Asia from Thailand and Laos to Malaysia and Cambodia to uncover the status of one of the remaining five sub-species of tiger. Through field research, transboundary agreements and local training, WCS is working to create realistic and effective management plans to ensure the tiger's future.

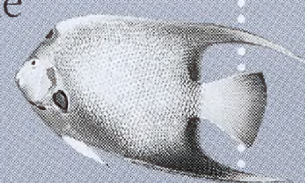


Art Wolfe

The Degradation and Restoration of Coral Reefs

with Tim McClanahan

Aug. 9, 1998 🌿 Coral reefs around the world are rapidly being degraded by misuse and overuse. Even the most remote reefs are experiencing dramatic changes that threaten their ecological services and biological diversity. In his talk, Dr. McClanahan will outline the history of the global problem using dramatic slides of the Indian Ocean and Caribbean to show the causes of the problem, and to discuss possible solutions to restore and conserve coral reefs.



J. Geller

Dry Forest to Rain Forest: Wildlife Conservation in Bolivia

with Andrew Taber

June 4, 1998 🌿 Located practically in South America's geographic center, Bolivia contains an extraordinary diversity of habitats and wildlife. To the North are Amazonian tropical rain forests, rich in primates, parrots and macaws. To the south is the Gran Chaco, a veritable sea of dry, thorny

forest, cactus, jaguar, peccaries and armadillos. To the east are swamp lands, hosts to water birds and caiman, and to the west are the Andes Mountains, home to spectacled bears. One of WCS's greatest conservation achievements is the creation of the eight-million acre Kaa-Iya Gran Chaco National Park. The park is four times the size of Yellowstone, and contains some 80 species of mammals, including the rare Chacoan peccary, thought extinct until rediscovered in 1975. Dr. Taber will present this veritable zoologist's heaven and discuss how it blends the needs of its wildlife and the indigenous people who have called the Chaco home for centuries.



Art Wolfe

Lecture only

Member: \$6 per lecture, \$18 for the series

Nonmember: \$10 per lecture, \$30 for the series

Lecture and Reception

Member: \$36 per lecture/reception,

\$100 for the series

Non-Member: \$45 per lecture/reception,

\$145 for the series

All lectures begin at 7:30 p.m. and are preceded by a reception at 6:30. For more information, please call (415) 750-7128.



San Francisco Mayor Willie Brown and California Academy of Sciences Executive Director Dr. Evelyn Handler take time to chat at the U.S. Conference of Mayors tour through Golden Gate Park. The tour ended with breakfast served in the courtyard of the Academy.

RUGS OF TEEC NOS POS: JEWELS OF THE NAVAJO LOOM

NOW
EXTENDED
THROUGH
OCTOBER 26

Teec Nos Pos, meaning "Circle of Cottonwoods" in Navajo, is located in Arizona and was established as a trading post in 1905. In this remote part of the Navajo Reservation near the Four Corners, a distinctive pattern of rug weaving was born. Flamboyant shades of green, blue, orange and red saturate the intricate geometric designs in this woven art. *Rugs of Teec Nos Pos: Jewels of the Navajo Loom* in Linking Hall features approximately twenty-five rugs, the unique patterns of which have become the hallmark of southwestern style. We are happy to announce that this beautiful exhibit has now been extended through October 26.



Friends Committee members Walter and Vera Obermayer weave in the Navajo style with Intern Demarco Elliot at a reception in the Rugs of Teec Nos Pos: Jewels of the Navajo Loom exhibit. The Friends Committee is comprised of donors who help develop support for Academy of Sciences programs throughout the community.



Intern Emily Seto discusses weaving with Ruth Belikove, collector of the Teec Nos Pos rugs on display. The exhibit has been extended through October 26 and features weaving demonstrations by Academy of Sciences interns.

Photos: Dong Lin

Great Shakes! in Northern California's Largest Celestial Skydome

Earthquakes, Moonquakes, Marsquakes, starquakes...there's a whole lotta shakin' goin' on in the Universe as the Morrison Planetarium's new presentation, *Great Shakes!* explores what makes worlds tremble, beginning Friday, September 12, with weekday shows at 2 p.m. and at 2 & 4 on Saturday & Sunday. Until then, the star-spanning *A Tour of the Universe*, featuring images from the Hubble Space Telescope and the Sojourner Mars rover, continues daily at 2 p.m. through Sunday, September 7, with an additional 4 p.m. showing on weekends. Starting September 13, *A Tour of the Universe* is shown on weekends only at 1 & 3 p.m. *Tales of a Comet* ends September 7. *Neighbors in Space* and *Startalk* continue at 11 a.m. & 12 noon, respectively, on weekends.

September 1 (Labor Day), Sky Shows will be offered on a holiday schedule: *Neighbors in Space* at 11 a.m., *Startalk* at noon, *A Tour of the Universe* at 2 & 4 p.m., and *Tales of a Comet* at 1 & 3 p.m.

Teachers: The Planetarium's school show programs resume in October for the 1997-98 academic year, with shows specifically tailored for pre-school through junior high. Call (415) 750-7127 to request an informative brochure or to make a reservation for your school group, and don't forget to plan your class field trips early for the best choice of available dates. For prerecorded skywatching information, call the Morrison Planetarium's Skyline at (415) 750-7141 (option #4).

Laserium

Laserium — the spectacular, live laser show now in its 20th year at Morrison Planetarium — continues Thursday through Sunday evenings, featuring state-of-the-art laser graphics choreographed to music. For complete show schedule and information, call (415) 750-7138 or log on to the Laserium site on the World Wide Web at WWW.LASERIUM.COM. Members are reminded that since Laserium is an independent production, your complimentary tickets cannot be used for admission to laser shows. However, discounts are available for Academy members.

September 1-7, 1997 schedule

Skyshow/Description	Weekday	Weekend
A Tour of the Universe <i>through November 30, 1997</i>	2:00 p.m.	2 & 4 p.m.
Tales of a Comet <i>through September 7, 1997</i>		1 & 3 p.m.
Startalk		12:00 p.m.
Neighbors in Space		11:00 a.m.

Exceptions: September 1, Labor Day Schedule | Sky Shows at 11, 12, 1, 2, 3, 4 p.m.
September 3, Free Day schedule | Sky Shows at 11, 12:30, 2, 3:30, 6 p.m.
Changeover Planetarium closed: September 8-11. We re-open on September 12 with Great Shakes!

September 12-30, 1997 schedule

Skyshow/Description	Weekday	Weekend
Great Shakes!	2:00 p.m.	2 & 4 p.m.
A Tour of the Universe <i>through November 30, 1997</i>		1 & 3 p.m.
Startalk		12:00 p.m.
Neighbors in Space		11:00 a.m.

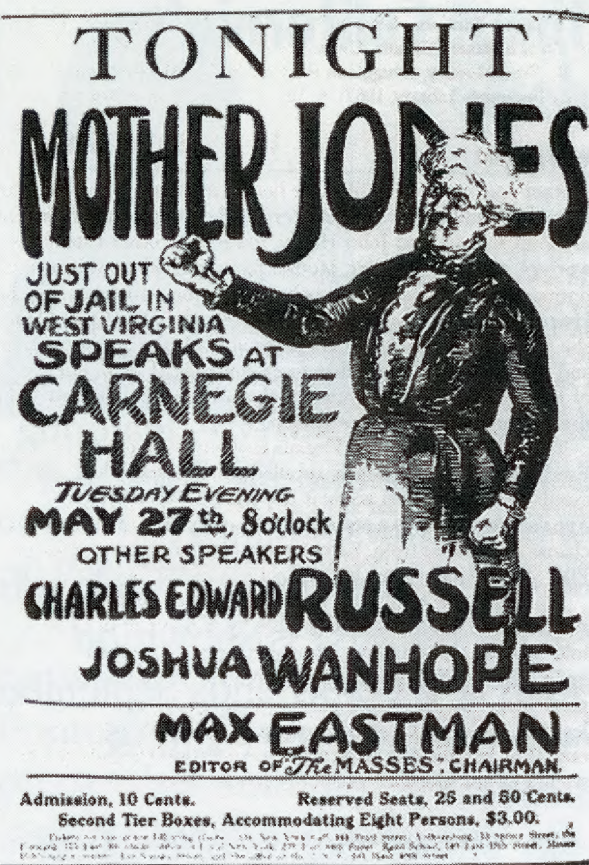
Tickets can be purchased one half hour before the show (box office opens at 10:30 a.m. on weekends) at the box office once inside the Academy of Sciences (\$2.50 adults/\$1.25 youth & seniors, though some shows vary). Members must redeem their passes for tickets at the box office prior to the show. If you have a child under 6 years old with you please ask the cashier for a "Child's Pass." For more information, please call (415) 750-7141.

GIVE



Many people find comfort in honoring the memory of a friend or relative with a charitable donation made in their loved one's name. Recently, Elizabeth Mudriz and James Driscoll made a donation to the Academy of Sciences in honor of their late brother, John Robert Driscoll, Jr.

"Well, he was always interested in nature," says Elizabeth, "so the Academy came to mind. We'd been visiting the Academy since my daughter was a baby. She's twenty now." Through this gift, Elizabeth and James acknowledged both their brother's life long interest in the natural world and a family tradition of visiting the museum. By directing their gift to the Academy's education programs for youth, they also made such experiences available to others. On behalf of the Academy's employees, volunteers, visitors, and participants, we thank Elizabeth and James for their generosity.



"Mother Jones at Carnegie Hall."

presents these stories with a source citation and pertinent background data. His accounts range from ethnographic descriptions of occupations to overt expressions of ideology. They deal with an array of leaders, including Mother Jones, Walter Reuther and more, as well as with rank-and-file workers.

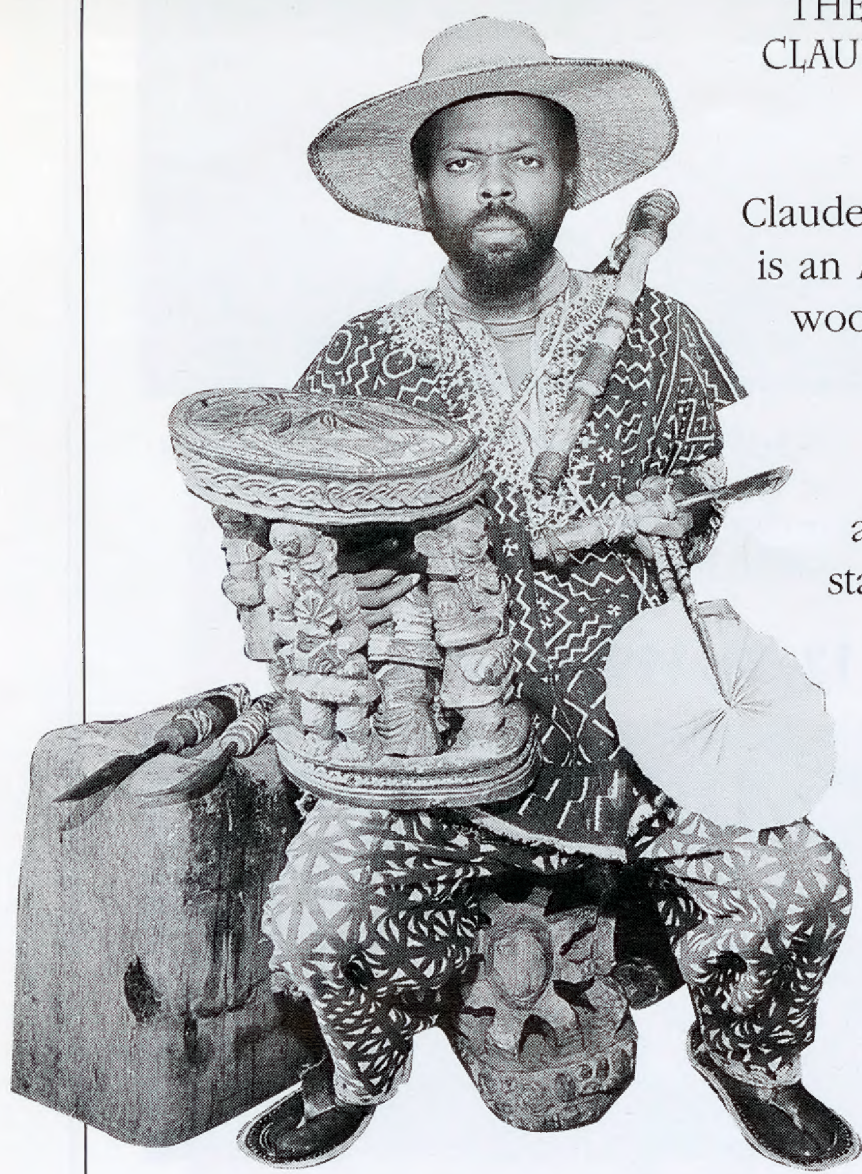
Green will also cover the role of nature in the consciousness of blue-collar workers, especially folk tales centered on animals. Professor Green's book, *Cal's Head & Union Tale*, is available at the Academy store.

September 10 — 2 & 7:30 p.m.



HONORING the ANCESTORS

THE WOODCARVINGS OF
CLAUDE LOCKHART CLARK
by June Anderson



Claude Lockhart Clark is an African-American woodcarver whose work is an expression of his African cultural heritage as well as a personal statement. Clark's repertoire illustrates the concept of "tradition" as both continuity and change. His carved stools in particular are closely linked to family history, created as memorials to ancestors and passed on from

generation to generation in his family since the mid-1800s. And yet, the stools can be traced to African antecedents still being made in tribal villages today.

Past and present contribute equally to Clark's sense of ethnic identity, which finds a creative outlet in his artwork. In *Honoring the Ancestors*, Academy staff Anthropologist June Anderson examines the artist's work in the context of an African aesthetic legacy and the urban African-American community in which he lives. To order and for more information, please call (800) 441-4115.

Distributed by the University of Washington Press.

American Folk Life

with Professor Archie Green

Whether it be sabotage, accident, trick, duel, or dream, no subject is immune from the soapboxer's banter. Professor Green will present many delightful folklore tales on labor lore, workers' traditions, and occupational folk life during his talk.

Professor Green is a folklorist who

JUNIOR ACADEMY

FALL IN LOVE WITH JUNIOR ACADEMY

Kids love our Saturday workshops at the Junior Academy. Join the fun this fall from October 18 through November 15, with activity-based classes for children ages 6-16 offered each Saturday morning. Kids can explore the wonderful world of spiders, dinosaurs, paleontology, evolution — everything from the stars in the sea to the stars in the night sky. For a free class catalog, please call (415) 750-7100.



ACADEMY STORE

In honor of the SPIDERS! exhibit (through November 16), the Academy store has some new books filled with facts about insects and spiders of all kinds.



Simon & Schuster Children's Guide to Insects and Spiders: This indispensable guide is full of fascinating tidbits about every major group of insects and arachnids — from butterflies to beetles — with full-color pictures and larger-than-life-size photos. (\$19.95)

Pocket Pests: The lifelike rubber insect packaged inside each of these four books is perfect for play and ideal for hair-raising surprises. Each book is full of bug facts collected with the help of a renowned entomologist at Oxford University. (\$5.99 each)

Don't miss SPIDERS! You'll be charmed and amazed by this delightfully creepy, fun-filled, fact-packed exhibit. Visitors have the rare opportunity to see live examples of spiders from around the world, plus larger-than-



Smithsonian Institution

life models, murals, and photographs. There are also interactive activities to help visitors discover why spiders have hairy legs, how

they use their venom, and the amazing way they eat their food. And of course, find out if there's truth to the rumor that the black widow spider devours her mate.

SPIDERS! will only be at the Academy for a short time. Be sure to catch it before it scurries away!

An exhibition from the National Museum of Natural History, Smithsonian Institution.



Through November 16
SPIDERS!

TURKEY AND THE TURQUOISE COAST

with Samuel Taylor

The focus of this tour, designed specifically for the Academy, is to discover some of the few remaining preserved natural habitats of the Mediterranean region. Sam Taylor, Curator and Chairman of Education, will lecture throughout the trip on the impact humans have had on this area. You will visit four national parks with forests of pine, juniper and cedar in the Taurus Mountains near Antalya.

At Samsundagi National Park near Kudasai, you will find Mediterranean Macchia vegetation with bay and chestnut trees. Dilek Peninsula National Park contains luxuriant forests, including oaks found only in northern Anatolia. Seals and turtles are government-protected and live and breed along the coastline. Over 200 species of birds have been sighted at Lake Nanyas in Kuscenneti National Park.

A highlight of the tour is sailing by private yacht, known as a "gulet", for four days along the Turquoise Coast. Swim in remote coves, dine on freshly caught fish and make forays ashore to explore quaint fishing villages, ancient archaeological sites, and beaches where loggerhead turtles lay their eggs. The tour ends with three nights in Istanbul.

May 21–June 7, 1998

Cost: To be announced

ALASKA: OFF THE BEATEN TRACK

with Dr. Dave Kavanaugh and Bev Kavanaugh

This trip will cover two National Parks with the highest mountains, most powerful volcanoes, and most numerous glaciers on the continent. Travelers will also visit places which assure close-range sightings of enormous grizzlies, caribou and Dall sheep.

The trip begins in Anchorage with a docent-led tour of the Anchorage Museum of Natural History and Art, and a cruise across Prince William Sound and the face of the spectacular tidewater Columbia Glacier. After a flight to Wrangell-St. Elias National Park, the group will spend three nights in a delightful lodge with enough time to explore Kennicott Glacier and nearby ghost town.

The tour also includes two nights in Fairbanks and a four night stay at a lodge on Wonder Lake, deep in Denali Park. Optional pre-trip extensions to Glacier Bay and post-trip extension to explore the natural history of the Arctic and Eskimo culture in Nome and Kotzebue are offered.

late June–early July, 1998

Cost: To be announced

For detailed itineraries on these tours, please call Deidre Kernan at (415) 750-7348.



THE CELTIC WAY

A one-day workshop on the rituals and customs observed in the Celtic calendar, from Samhain (New Year) to Lughnasa (Harvest Festival).

Eddie Stack takes us on a journey through the Celtic year, describing the important feasts and other celebrations, their origins, and cultural significance. Highly in tune with nature, the Celts lived close to Mother Earth and led a life dictated by seasons, climate and environment. Celtic traditions are rooted in the mists of prehistory and encompass ancient myths, legends, folklore and social customs.

Eddie Stack is co-founder of the Irish Arts Foundation and teaches Irish Studies at New College, San Francisco. Born in West Clare, Ireland, Eddie grew up with the old folk traditions of the region. To register for this workshop, please use the order form on the back of the newsletter. For further information, contact June Anderson at (415) 750-7164.

Saturday, October 25; 10 a.m. to 4 p.m. (Goethe Room)

Cost: \$50 per person (Pre-registration essential)

TRADITIONAL ARTS

Mehndi: Henna Body Painting

September 6 ☛ Henna body art has been practiced for thousands of years throughout Northern Africa, the Middle East and South Asia. Kavita Goyal demonstrates traditional Mehndi motifs from East Indian weddings and rituals.

Music and Dance from Chile

September 13 ☛ The group *Sueno Americano*, will play music from Chile and dance various representations of the *cueca* — a flirtatious courtship dance.

The musical repertoire explores a combination of indigenous as well as European styles.



Irène Young

Stained Glass

September 20 ☛ Carl Powell has been working with glass as an art medium for the past 25 years. In addition to a slide presentation, Powell will demonstrate basic traditional methods used in contemporary interpretations, show samples of hand-beveled glass, and discuss how his own art has evolved.

Zapotec Weaving

September 27 ☛ Born in the Valley of Oaxaca, Mexico,

Zenon and Rita Angeles will demonstrate the skills of Zapotec weaving. They will also comment upon the significance of regional designs, and how they reflect the social and political organization of the Zapotec Indians.

Explore cultural traditions from around the world in these one-hour presentations held Saturdays at 1 p.m. in the auditorium. Free after general admission. Call (415) 750-7165 for more information.

ASTRONOMY LECTURE



A Star is Born



Dr. Gibor Basri

One of the most basic questions in astronomy concerns the origin of the Solar System, including the Earth and the Sun. Scientists are making the first direct observations of other solar systems in formation and discovering that the process of star formation leads naturally to the conditions under which planets can form. We are now able to see played out before us the actual phenomena which must have

taken place at the beginning of our own system.

Dr. Gibor Basri, professor at the University of California at Berkeley, will relate the modern tale of star formation, illustrated with beautiful images of starbirth taking place in our Galactic neighborhood. He will explain how the persuasive presence of "spin" in the Universe leads to the formation of disks around forming stars, and the subsequent development of less massive objects like brown dwarfs and planets at the same time. Please use the order form for tickets, or call (415) 750-7141 for more information.

September 23 — 7:30 p.m.

Tickets: \$3 each

Stellar Lifetimes

Understanding the structure and evolution of stars has been one of the focal points of astronomy and astrophysics research for the past three decades. This is one of the best understood areas in astronomy, and some remarkable facts have come to light. One of these is that many of the chemical elements in the Solar System, Earth and our bodies have been synthesized in stars. A second is that there is a limit to the age of stars in the Galaxy.

Dr. Michael Bolte is a member of the faculty at the University of California, Santa Cruz. In his talk, he will discuss how stars are observed and modelled, the details of stellar "alchemy", and the processes by which newly minted elements are redistributed into the interstellar medium. The methods by which the ages of stars are estimated will also be presented, and the age of the Galaxy discussed.

October 21 — 7:30 p.m.

Tickets: \$3 each

The Benjamin Dean Lecture series through December has a general theme of stellar evolution. Continuing speakers will be Dr. Bruce Balick (11/11) on the end of normal stars and Dr. Alex Filippenko (12/16) on the end of massive stars.

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

- 1


Monday


- Weekend Sky Show schedule in effect

Sky Shows hourly from 11 a.m. to 4 p.m.


- 6

Saturday


- Mebndi: Henna Body Painting, 1 p.m. (Traditional Arts)


- 8

Monday


- Planetarium closes for installation of *Great Shakes!*


- 10

Wednesday


- American Folk Life, 2 p.m & 7:30 p.m. (Members Meeting)


- 12

Friday


- Planetarium re-opens with *Great Shakes!*


- 13

Saturday


- Music and Dance from Chile, 1 p.m. (Traditional Arts)


- 20

Saturday


- Stained Glass, 1 p.m. (Traditional Arts)

- 27

Saturday


- Zapotec Weaving, 1 p.m. (Traditional Arts)

FUTURE DATES TO REMEMBER

October 8: “Women in Evolution” with Dr. Adrienne Zihlman (Members Meeting)

November 11: “Origin of the Bay” with Ken Lajoie (Members Meeting)

December 10: Members Holiday Shopping Evening, followed by “The Search for Extraterrestrials” with Seth Shostak (Members Meeting)

VISITOR INFORMATION

Special Exhibitions: “Spiders!” through Nov. 16 • “Rugs of Teec Nos Pos: Jewels of the Navajo Loom,” through October 23.

• **Feeding Times:** Fish Roundabout, 2 p.m.; Penguins, 11:30 a.m. & 4 p.m.

• **Guided Tours:** Free one-hour highlight tours daily. • **Laserium Shows:** Thu.–Sun. evenings. • **Free Day:** First Wed. of each month. • **Hours:** Open every day of the year. Winter hours 10 a.m.– 5 p.m. Summer hours (Memorial Day weekend to Labor Day) 9 a.m.– 6 p.m. • **Information:** Hotline (415) 750-7145, World Wide Web site <http://www.calacademy.org>



California Academy of Sciences

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The Celtic Way/Oct. 25	_____ X \$50		= _____	
THE WILDLIFE TALKS		Qty./Members	Qty./Nonmembers	Total
Wildlife in War/Nov. 6				
Lecture only	_____ X \$6		_____ X \$10	= _____
Lecture Series	_____ X \$18		_____ X \$30	= _____
Lecture and Reception	_____ X \$36		_____ X \$45	= _____
Lecture and Reception Series	_____ X \$100		_____ X \$145	= _____

B. DEAN ASTRONOMY LECTURE SERIES	Quantity	Total
A Star is Born/Sept. 23	_____ X \$3	= _____
Stellar Lifetimes/Oct. 21	_____ X \$3	= _____
The End of Normal Stars/Nov. 11	_____ X \$3	= _____
The End of Massive Stars/Dec. 16	_____ X \$3	= _____

DONATIONS

- ☐ I would like to support the Academy of Sciences with a donation. \$ _____
- ☐ Please send me information about life income gifts and bequests to the Academy

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California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118-4599

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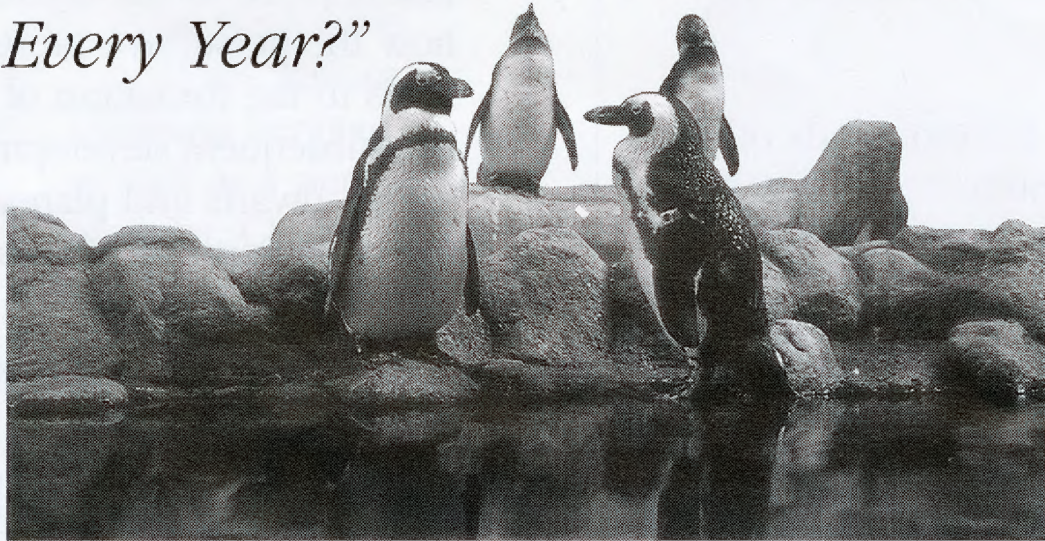
CALL FOR NEW DOCENTS

Academy Docents provide a direct link with school groups and other visitors through guided tours of the exhibit halls. For the first time since 1989, training specific to the Hall of Life Through Time is being planned. A limited number of spaces will be available to those entering the program for the first time.

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